REMARKS

Claims 1-3, 12, 13, 15 and 16 are pending in the application and stand rejected.

Rejection under 35 U.S.C §102

Claims 1-3, 12, 13, 15 and 16 stand rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,854,016 to Kraenzel et al. In particular, the Examiner opines that Kraenzel discloses the claimed arranging a confined run time environment which is assigned a second communication port and socket by disclosing "wherein a Service Manager user Interface is used with Domino Offline Services to provide a platform for services and application processes from server to run in a client, communication established through a secure socket layer that assigns specific secure sockets to communication to load from database to client browser" and teaches that the confined run time environment is provided with restricted access to at least one profile file that is located on the user's computer by disclosing "wherein stored client information stored in the client is selectively accessible based on subscription information." The Examiner further alleges that Kraenzel discloses downloading said service through said second communication port so that it is received by said confined run time environment through his teaching "wherein the user interface downloads file sets representing services to a client." Finally, the Examiner finds that Kraenzel discloses executing said service within said confined run time environment whereby said service is given restricted access to said at least one profile file by teaching "wherein the client renders the downloaded files by executing the services downloaded."

Applicants respectfully disagree and traverse every single one of the Examiner's contentions. At the outset, Applicants note that Kraenzel does not in fact even obliquely mention, hint, or allude to the use of confined run time environments for the Lotus iNotes applications used in his system. The use of confined run time environments such as the so-called "sandboxes" of the Java programming language are well known to those of skill in the art, and are also discussed in the specification at page 8 ll. 14-34. Applicants have reviewed the entire, rather voluminous, Kraenzel reference and have not found a single mention of executing the downloaded iNotes applications in anything remotely resembling a confined run time environment. It is true that Kraenzel does teach the use of the well-known SSL encryption mode,

but the Examiner's interpretation of this as disclosing the execution of the downloaded application in a confined run time environment is simply incorrect and not supported by any part of Kraenzel or the general knowledge in the art. SSL encryption mode is a communication encryption mode, and thus it is understood as referring to the downloading of an application, not its execution once it has been downloaded. Thus, whereas the Examiner's characterization of Kraenzel as teaching that "wherein a Service Manager user Interface is used with Domino Offline Services to provide a platform for services and application processes from server to run in a client, communication established through a secure socket layer that assigns specific secure sockets to communication to load from database to client browser" is correct, this does not in fact anticipate the claimed arranging a confined run time environment which is assigned a second communication port and socket. At best, it teaches that the user's web browser opens a second socket - a secure socket (SSL).

In fact, Kraenzel himself teaches against the claimed approach in one of the very portions cited by the Examiner (at col. 33 l. 64 - col. 34 l. 19), which recites in part:

> When download control element plug in or ActiveX 234 activates in download page 230, it initiates the download process, which includes, first, establishing a security context. ***In effect, the user is asked "do you trust this site?"*** Based on whether transfer 308 was secure or insecure, the user is advised whether identity of the server site can be established. After first determining whether the site can be trusted, and whether or not that can be confirmed, the user is then asked if the processing should be permitted to continue including installation of programs on the client machine 100.
>
> In case of secure connection, the risk level accepted by the user is to trust or not trust a known entity to run programs on client machine 100. In the instance of an insecure connection, ***the user, if processing is allowed to continue, is in effect trusting a weakly confirmed entity to run programs on client machine 100, and this is typically done only inside an intranet.***

The above clearly divulges that the only control applied to the execution of the downloaded applications is enforced prior to initiation of the download by simply asking the user

for permission to proceed with the download. Once the download has been authorized by the user, the application downloads and then executes on the client machine. There is no mention of a confined run time imposed upon this executable whatsoever. Should the Examiner continue to insist that Kraenzel teaches the execution of a downloaded application in a confined run time environment, Applicants respectfully request him to clearly and specifically point out where Kraenzel discloses this feature in accordance with 37 C.F.R. 1.104(c)2.

Applicants further respectfully disagree that Kraenzel teaches "wherein stored client information stored in the client is selectively accessible based on subscription information." The Examiner cites to col. 12 l. 66 - col. 13 l. 16 and col. 13 ll. 27-35 as supporting this proposition. This text is reproduced below:

> Client 200 includes directories <pdir>/<data>/<namespace> 204 into which subscription user identifier 206 is stored, subscription ACLs 203, and file directory <pdir>/<data>/ 208 into which local services ID 210 is stored; databases local names.nsf 212, local mail.box 214, and password.db 216; service manager 218, including synchronization task 220, HTTP 222, index 224, agent 226 and custom 228; browser 244, including download page 230 and application page 244; subscription links desktop 252, start menu 256, driver tray 258 and uninstall 246. Download page 230 includes parameters from configuration document 232 (which is the client side 200 rendition of offline configuration document 138), download element 234 (the client side rendition of download control 146 for ActiveX or plug in, as the case may be). Application page 238 includes Java script status 240 including client side rendition 241 of web control plug in or ActiveX 133 and the client side rendition 242 of time zone Java script 134.
>
> ...
>
> Lotus iNotes Sync Manager represents an exemplary embodiment of service manager 218. Users automatically install Lotus iNotes Sync Manager 218 on local machine 200 when they download a Domino application enabled for offline use, or install a CD prepared in accordance with the present invention. iNotes Sync Manager

> 218, the end-user component of Domino Off-Line Services, enables the user to manage and maintain offline subscriptions 202 to Domino Web applications.

Applicants can discern nothing in the above that discusses information stored in the client that is selectively accessible, based on subscription information or on anything else. Once again, Applicants have perused the entire Kraenzel reference, but have failed to uncover any discussion of providing selective access to *any* information stored on the client machine. As discussed above, once an application is allowed to download by the user, it is given free reign to install and execute on the client machine with no further restrictions. Applicants thus traverse the Examiner's assertion that Kraenzel anticipates the claimed confined run time environment provided with restricted access to at least one profile file located on the user's computer because Kraenzel teaches neither the confined run time environment nor restricted access to a profile file on the user's computer, and once again respectfully request that he withdraw this objection or else clearly and specifically point out where Kraenzel discloses this feature in accordance with 37 C.F.R. 1.104(c)2.

In light of the above discussion, Applicants further submit that Kraenzel also clearly cannot disclose the claimed downloading said service through said second communication port so that it is received by said confined run time environment because, again, there is no confined run time environment used by Kraenzel. The Examiner's explanation that Kraenzel teaches "wherein the user interface downloads file sets representing services to a client" essentially has no relevance, at least insofar as a confined run time environment is involved.

For the very same reason, Applicants further submit that Kraenzel also does not teach executing said service within said confined run time environment whereby said service is given restricted access to said at least one profile file. Once again, the Examiner's contention that Kraenzel anticipated this feature by teaching "wherein the client renders the downloaded files by executing the services downloaded" completely ignores the lack of a confined run time environment nor of restricting access to user information in the teachings of Kraenzel.

In view of the above, Applicants submit that Kraenzel and the presently claimed inventions are patentably distinct and respectfully request the Examiner to kindly reconsider and pass claims 1 and 16 to issue.

Claims 2, 3, 12, 13 and 15 depend from claim 1. In view of the above discussion, it is submitted that claim 1 is allowable, and for this reason claims 2, 3, 12, 13 and 15 are also allowable at least by virtue of their dependency on claim 1.

Rejection under 35 U.S.C §103

Claim 12 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Kraenzel in view of U.S. Pub. No. 2001/0045451 to Tan. Claim 12 depends from claim 1. "If an independent claim is nonobvious under 35 U.S.C. 103, then any claim depending therefrom is nonobvious." *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988). Therefore, in light of the above discussion of claim 1, Applicants submit that claim 12 is also allowable at least by virtue of its dependency.

In view of the above, Applicants submit that the application is now in condition for allowance and respectfully urge the Examiner to pass this case to issue.

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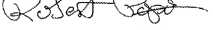
The Commissioner is authorized to charge any additional fees which may be required or credit overpayment to deposit account no. 08-2025. In particular, if this response is not timely filed, the Commissioner is authorized to treat this response as including a petition to extend the time period pursuant to 37 CFR 1.136(a) requesting an extension of time of the number of months necessary to make this response timely filed and the petition fee due in connection therewith may be charged to deposit account no. 08-2025.

I hereby certify that this document is being transmitted to the Patent and Trademark Office via electronic filing.

November 6, 2007
(Date of Transmission)

Respectfully submitted,



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